

WHAT IS CLAIMED IS:

1. A multi-chamber container comprising a resin film or sheet formed into a bag shape by heat-sealing and having a partition portion formed therein, said multi-chamber container including a heat-sealed portion comprising a propylene-based resin composition containing the following component (A) obtained by a first-stage polymerization and the following component (B) obtained by a second-stage polymerization such that the components (A) is contained in an amount of 10 to 60% by weight and the components (B) is contained in an amount of 40 to 90% by weight, based on a total weight of the components (A) and (B):

Component (A): a polymer component containing propylene having an isotactic index of not less than 90% as a main component; and

Component (B): a copolymer component comprising a copolymer produced from propylene and an α -olefin other than propylene having not more than 8 carbon atoms with the proviso that propylene and ethylene are contained therein as essential components, and containing a room-temperature xylene-insoluble component in an amount of from more than 20% by weight to 70% by weight based on a total weight of whole polymers as a sum of the components (A) and (B), and a room-temperature xylene-soluble component in an amount of from 10 to 60% by weight based on a total weight of whole polymers as a sum of the components (A) and (B), said room-temperature xylene-soluble component having a content of the α -olefin other than

propylene of less than 20% by weight.

2. A multi-chamber container according to claim 1, wherein the resin films or sheets constituting the partition portion are peelable off from each other.

3. A multi-chamber container according to claim 1, wherein the propylene-based resin composition satisfies the following requirements (i) to (iv):

(i) a propylene content in whole polymers as a sum of the components (A) and (B) is within the range of 85 to 95% by weight;

(ii) a content of the α -olefin other than propylene (hereinafter referred to merely as " α t"; unit: % by weight) and a content of a room-temperature xylene-soluble component (hereinafter referred to merely as "CXS") in the whole polymers as a sum of the components (A) and (B) satisfies the following formula:

$$CXS > 5\alpha t - 25$$

wherein α t is 5 to 15% by weight;

(iii) a melting point peak temperature thereof is not less than 160°C; and

(iv) a tensile stress at a yielding point thereof is not more than 15 MPa.

4. A multi-chamber container according to claim 1,

wherein the resin film or sheet includes three or more layers comprising an innermost layer comprising a propylene-based resin composition, an intermediate layer comprising a resin composition containing a propylene-based resin composition and a styrene-based elastomer, and an outermost layer comprising a propylene random copolymer resin or a resin composition containing a propylene-based resin composition and a propylene random copolymer resin.

5. A multi-chamber container comprising a resin film or sheet formed into a bag shape by heat-sealing and including a partition portion formed therewithin, said multi-chamber container having a heat-sealed portion comprising a propylene-based resin composition satisfying the following requirements (i) to (iv):

(i) a propylene content thereof is within the range of 85 to 95% by weight;

(ii) a content of an α -olefin other than propylene (hereinafter referred to merely as " α t"; unit: % by weight) and a content of a room-temperature xylene-soluble component (hereinafter referred to merely as "CXS") in the whole polymers as a sum of the components (A) and (B), satisfy the following formula:

$$\text{CXS} > 5\alpha t - 25$$

wherein α t is 5 to 15% by weight;

(iii) a melting point peak temperature thereof is not

less than 160°C; and

(iv) a tensile stress at a yielding point thereof is not more than 15 MPa.

6. A multi-chamber container according to claim 5, wherein the propylene-based resin composition comprises the following component (A) obtained by a first-stage polymerization and the following component (B) obtained by a second-stage polymerization such that the components (A) is contained in an amount of 10 to 60% by weight and the components (B) is contained in an amount of 40 to 90% by weight, based on a total weight of the components (A) and (B):

Component (A): a polymer component containing propylene having an isotactic index of not less than 90% as a main component; and

Component (B): a copolymer component comprising a copolymer produced from propylene and an α -olefin other than propylene having not more than 8 carbon atoms with the proviso that propylene and ethylene are contained therein as essential components, and containing a room-temperature xylene-insoluble component in an amount of from more than 20% by weight to 70% by weight based on a total weight of whole polymers as a sum of the components (A) and (B), and a room-temperature xylene-soluble component in an amount of from 10% by weight to 60% by weight based on a total weight of whole polymers as a sum of the components (A) and (B), said room-temperature xylene-soluble component having a content of the α -olefin other than

propylene of less than 20% by weight.

7. A multi-chamber container according to claim 5, wherein the resin films or sheets constituting the partition portion are peelable off from each other.

8. A multi-chamber container according to claim 5, wherein the resin film or sheet includes three or more layers comprising an innermost layer comprising the propylene-based resin composition, an intermediate layer comprising a resin composition containing the propylene-based resin composition and a styrene-based elastomer, and an outermost layer comprising a propylene random copolymer resin or a resin composition containing the propylene-based resin composition and the propylene random copolymer resin.

9. A multi-chamber container comprising a resin film or sheet formed into a bag shape by heat-sealing and having a partition portion formed therein, said multi-chamber container having a heat-sealed portion comprising a propylene-based resin composition satisfying such a requirement that a difference between a heat-sealing temperature (T1) (°C) providing a heat-seal strength of 0.2 kgf/15 mm and a heat-sealing temperature (T2) (°C) providing a heat-seal strength of 2.0 kgf/15 mm ($T2 - T1$) is not less than 20°C, and exhibiting a heat-seal strength of not less than 3 kgf/15 mm.

10. A multi-chamber container according to claim 9,

wherein the propylene-based resin composition comprises the following component (A) obtained by a first-stage polymerization and the following component (B) obtained by a second-stage polymerization such that the components (A) is contained in an amount of 10 to 60% by weight and the components (B) is contained in an amount of 40 to 90% by weight, based on a total weight of the components (A) and (B):

Component (A): a polymer component containing propylene having an isotactic index of not less than 90% as a main component; and

Component (B): a copolymer component comprising a copolymer produced from propylene and an α -olefin other than propylene having not more than 8 carbon atoms with the proviso that propylene and ethylene are contained therein as essential components, and containing a room-temperature xylene-insoluble component in an amount of from more than 20% by weight to 70% by weight based on a total weight of whole polymers as a sum of the components (A) and (B), and a room-temperature xylene-soluble component in an amount of from 10% by weight to 60% by weight based on a total weight of whole polymers as a sum of the components (A) and (B), said room-temperature xylene-soluble component having a content of the α -olefin other than propylene of less than 20% by weight.

11. A multi-chamber container according to claim 9, wherein the propylene-based resin composition satisfies the following requirements (i) to (iv):

(i) a propylene content thereof is 85 to 95% by weight;
(ii) a content of an α -olefin other than propylene
(hereinafter referred to merely as " α t"; unit: % by weight)
and a content of a room-temperature xylene-soluble component
(hereinafter referred to merely as "CXS") in the whole
polymers as a sum of the components (A) and (B), satisfy the
following formula:

$$\text{CXS} > 5\alpha t - 25$$

wherein α t is 5 to 15% by weight;

(iii) a melting point peak temperature thereof is not
less than 160°C; and

(iv) a tensile stress at a yielding point thereof is not
more than 15 MPa.

12. A multi-chamber container according to claim 9,
wherein the resin films or sheets constituting the partition
portion are peelable off from each other.

13. A multi-chamber container according to claim 9,
wherein the resin film or sheet includes three or more layers
comprising an innermost layer comprising the propylene-based
resin composition, an intermediate layer comprising a resin
composition containing the propylene-based resin composition
and a styrene-based elastomer, and an outermost layer
comprising a propylene random copolymer resin or a resin
composition containing the propylene-based resin composition

and the propylene random copolymer resin.